<center>**Amendments to the Specification**</center>

Please replace the paragraph beginning at page 1, line 1 (i.e., the title), with the following rewritten paragraph:

REGION EXTRACTION IN VECTOR IMAGES

Please replace the paragraph beginning at page 9, line 1 with the following rewritten paragraph:

The first step in determining whether a connected region belongs to the semantic video object is matching the connected region with a corresponding region in the previous frame. As shown in Fig. 2, a motion estimation block [[226]] 224 takes the connected regions and the current and previous frames as input and finds a corresponding region in the previous frame that most closely matches each region in the current frame. For each region, the motion estimation block [[226]] 224 provides the motion information to predict where each region in the current frame comes from in the previous frame. This motion information indicates the location of each region's ancestor in the previous frame. Later, this location information is used to decide whether the current region belongs to the semantic video object or not.